

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original ☐ design ☐ supplemental
☐ national stage of PCT
☐ divisional ☐ continuation ☐ continuation-in-part

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (*if only one name is listed below*) or an original, first, and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"AUTOMATIC CIRCUIT DESIGN APPARATUS AND COMPUTER-IMPLEMENTED
AUTOMATIC CIRCUIT DESIGN METHOD"

the specification of which:

- ☒ is attached hereto.
☐ was filed on _____ as Application No. _____
 and was amended on _____ (*if applicable*).
☐ was filed on _____ as PCT International Application No. PCT/_____
 and was amended pursuant to PCT Article 19 on _____ (*if any*).

I state that I have reviewed and understand the contents of the specification identified above, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of the application identified above in accordance with 37 CFR §1.56.

I claim foreign priority benefits pursuant to 35 USC §119(a) or §119(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international patent application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent, utility model, design registration, or inventor's certificate or any PCT international patent application(s) designating at least one country other than the United States of America filed by me on the same subject matter and having a filing date before that of the application(s) from which the benefit of priority is claimed.

| PRIOR FOREIGN PATENT, UTILITY MODEL, AND DESIGN REGISTRATION APPLICATIONS | | | | | | |
|--|------------------------------|------------------------------------|---|-----|--|----|
| COUNTRY | PRIOR FOREIGN APPLICATION | DATE OF FILING (day,month,year) | PRIORITY CLAIMED UNDER 35 USC §119(a) or §119(d) | | | |
| Japan | 2002-381786 | 27/December/2002 | X | YES | | NO |
| | | | | YES | | NO |
| | | | | YES | | NO |

I claim the benefit pursuant to 35 USC §119(e) of the following United States provisional patent application(s):

| PRIOR U.S. PROVISIONAL PATENT APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e) | |
|---|------------------------------------|
| APPLICATION NO. | DATE OF FILING (day,month,year) |
| | |
| | |
| | |

I claim the benefit pursuant to 35 USC §120 of any United States patent application(s) or PCT international patent application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this patent application is not disclosed in the prior patent application(s) in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 effective between the filing date of the prior patent application(s) and the national or PCT international filing date of this patent application.

| PRIOR U.S. PATENT APPLICATIONS OR PCT INTERNATIONAL PATENT APPLICATIONS DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120 | | | | | |
|---|-------------------------------------|--|--------------------|---------|-----------|
| U.S. PATENT APPLICATIONS | | | Status (check one) | | |
| APPLICATION NO. | U.S. FILING DATE | | PATENTED | PENDING | ABANDONED |
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| PCT APPLICATIONS DESIGNATING THE U.S. | | | Status (check one) | | |
| PCT APPLICATION NO. | PCT FILING DATE (day,month,year) | U.S. APPLICATION NOS. ASSIGNED (if any) | PATENTED | PENDING | ABANDONED |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |

| DETAILS OF FOREIGN APPLICATIONS FROM WHICH PRIORITY CLAIMED UNDER 35 USC §119 FOR ABOVE LISTED U.S./PCT APPLICATIONS | | | | |
|--|---------|-----------------|------------------------------------|-----------------------------------|
| ABOVE APPLN. NO. | COUNTRY | APPLICATION NO. | DATE OF FILING (day,month,year) | DATE OF ISSUE (day,month,year) |
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |

As a named inventor, I appoint the following registered practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Customer Number 23548.



23548

PATENT TRADEMARK OFFICE

I further direct that correspondence concerning this application be directed to Customer Number 23548.



23548

PATENT TRADEMARK OFFICE

I declare that all statements made herein of my own knowledge are true, that all statements made on information and belief are believed to be true, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Hideaki NAGASAWA

Inventor's signature Hideaki Nagasawa

Date: December 8, 2003

Country of Citizenship: Japan

Residence: Tokyo, Japan

Post Office Address: c/o Renesas Technology Corp.

4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 Japan

Full name of second joint inventor: Yasushi OKAMOTO

Inventor's signature Yasushi Okamoto

Date: December 8, 2003

Country of Citizenship: Japan

Residence: Tokyo, Japan

Post Office Address: c/o Renesas Technology Corp.

4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 Japan

Full name of third joint inventor: Masatsugu MURAI

Inventor's signature MASATSUGU MURAI

Date: December 8, 2003 Country of Citizenship: Japan

Residence: Hyogo, Japan

Post Office Address: c/o Renesas Device Design Corp.,
61-5, Higashino 4-chome, Itami-shi, Hyogo 664-0004 Japan

Full name of fourth joint inventor: Naoki HASEGAWA

Inventor's signature NAOKI HASEGAWA

Date: December 8, 2003 Country of Citizenship: Japan

Residence: Hyogo, Japan

Post Office Address: c/o Renesas Device Design Corp.,
61-5, Higashino 4-chome, Itami-shi, Hyogo 664-0004 Japan

Full name of fifth joint inventor:

Inventor's signature _____

Date: _____ Country of Citizenship: _____

Residence: _____

Post Office Address: _____

Full name of sixth joint inventor:

Inventor's signature _____

Date: _____ Country of Citizenship: _____

Residence: _____

Post Office Address: _____
